THE FAST NEW WAY TO PLOT WITH TIME-SHARE COMPUTERS

MODEL TSP-12 PLOTTER CONTROLLER

- LOWER INITIAL COST
- LESS TERMINAL TIME
- LESS CPU TIME
- CURVE AND ANGLE CAPABILITY
- PEN RECORDER OR CRT
- PROGRAM CONTROLLED
- SIMPLE OPERATION
- COMPACT SILHOUETTE

Above are just a few of the advantages you get with the new TSP-12 Plotter Controller.

The TSP-12 accepts, decodes and plots data in continuously graphic form faster than any competitive system.

Unlike any other plotter at the price, the TSP-12 can produce accurate graphic readings in any direction. It curves and angles the pen track (or CRT display) with greater speed, and with a versatility hitherto associated only with high-cost systems.

The TSP-12 interfaces with Terminals equipped with 103 Series "Dataphones," acoustical couplers, and 33 or 35 Teletypes with 101C data sets (standard telephone company rented Terminals). It is compatible with, and programs will be supplied for, most major computer time-share systems.

The TSP-12 routes incoming data to the Teletype printer, or turns off the printer while it decodes, processes, and drives an analog X-Y recorder or CRT display. It does not interfere with normal Teletype/computer communication. A bit error on the communication line does not displace the remainder of the plot as the system is absolute, not incremental.

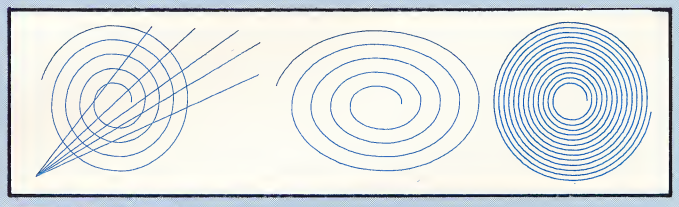
Controls The TSP-12 is practically self-operating. Controls include a simple power switch, indicator lights, and calibration adjustments for positioning the plot to pre-printed chart paper. Once calibrated, the TSP-12 rarely needs further adjustment. The plot/print operation is normally under program control, but manual overrides are provided.

Installation The compact TSP-12 Plotter Controller can be accommodated on a desk top or convenient shelf. There is plug-in simplicity to Terminals, pen recorder, or CRT displays.

Software Programming sub-routines are supplied at no charge. These routines are user oriented and are available in BASIC and FORTRAN for many of the larger time-share systems. Additional routines and programs are in development and will be released shortly.

Controller Specifications

X and Y Outputs:	Analog voltage. Adjustable from more than one volt to less than 300 mv full scale
Resolution:	1/512 of full scale (9 bit)
Accuracy:	±1/256 of full scale (8 bit)
Ambient:	15°C to 40°C
Power:	115v ±10%, 60 Hz
Dimensions:	8 1/4" w x 10 1/8" h x 12" d



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